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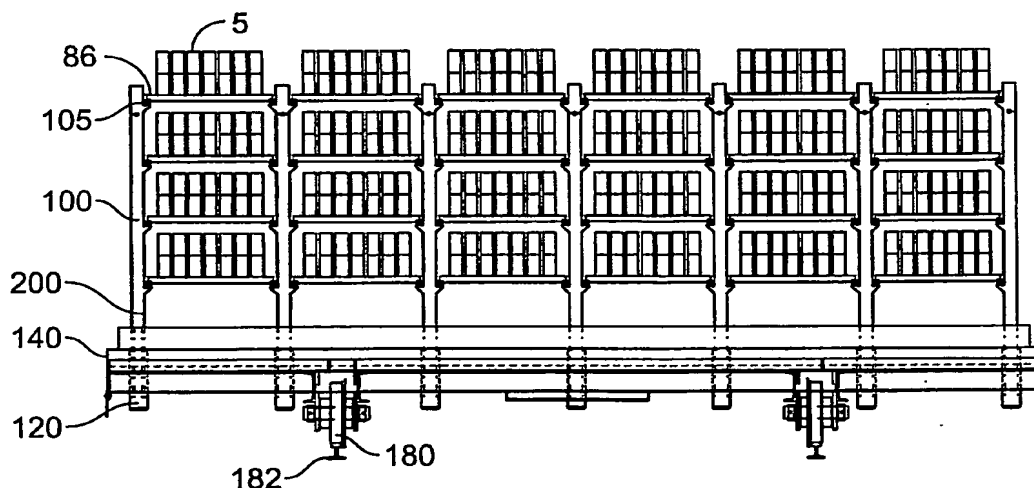
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(54) Title: SYSTEM AND METHOD FOR FIRING BRICKS



(57) Abstract: A method for firing bricks provides a kiln car including furniture with silicon carbide vertical supports. In one embodiment, horizontal support beams are mounted to the vertical supports to define multiple vertical levels and support crossbeams. Low sets of bricks are positioned on a first carriage having a conveyor, near one side of the kiln car. A second carriage is extended beneath crossbeams for one level to a position adjacent the first carriage. The second carriage includes spaced-apart rollers that interfit between crossbeams for the level when the carriages are raised, so that tops of the rollers are slightly above the crossbeams. The rollers convey bricks to a desired position, and the carriages are lowered to rest the bricks on the crossbeams. Another embodiment uses a fork to load and unload crossbeams carrying bricks from the horizontal support beams.

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